

**Reference Table: Providing information for reviewers**

| L3_id    | L3_key | text  | RbR_id     | RbR_key | text  | paragraph_id | req_key | text   |
|----------|--------|---|------------|---------|---|--------------|---------|--|
| IMS-1070 | 1566   | <p>The IMS shall provide the capability for users to construct DARS for collection of ASTER Instrument data which shall contain the following information as listed in the ASTER IRD, at a minimum:</p> <p>a. _____ Observation number<br/>b. _____ Experimenter identification<br/>c. _____ Experimenter address<br/>d. _____ Investigation identification<br/>e. _____ Scientific discipline<br/>f. _____ Observation repetition period<br/>g. _____ Tolerance in observation time<br/>h. _____ User priority<br/>i. _____ Scheduling priority and target of opportunity flag<br/>j. _____ Descriptive text<br/>k. _____ Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates<br/>l. _____ Earliest start time<br/>m. _____ Latest stop time<br/>n. _____ Minimum coverage required<br/>o. _____ Maximum coverage desired</p> | IMS-1070#B | 6255    | <p>The IMS shall provide the capability for users to construct DARS for collection of ASTER instrument data which shall contain the following information as listed in the ASTER IRD, at a minimum:</p> <p>a. Observation number<br/>b. Experimenter identification<br/>c. Experimenter address<br/>d. Investigation identification<br/>e. Scientific discipline<br/>f. Observation repetition period<br/>g. Tolerance in observation time<br/>h. User priority<br/>i. Scheduling priority and target of opportunity flag<br/>j. Descriptive text<br/>k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates<br/>l. Earliest start time<br/>m. Latest stop time<br/>n. Minimum coverage required<br/>o. Maximum coverage desired</p> | S-CLS-13790  | 8263    | The WKBCH CI shall provide users the capability to parameterize ASTER DARS with ASTER DAR Parameters as listed in the ASTER IRD.   |
|          |        |   |            |         |   | S-CLS-14400  | 8290    | Time-related data for DARS shall be synchronized so that selection of a time range on a DAR timeline tool will be translated into date/time ranges in a DAR submission window.                 |
|          |        |   |            |         |   | S-CLS-14410  | 8291    | Time-related data for DARS shall be synchronized so that typing a date/time range in a DAR submission window will be graphically display as a blocked out time range on a DAR timeline window. |
|          |        |   |            |         |   | S-CLS-14420  | 8292    | Geographic selection criteria for DARS shall be synchronized so that selection of an area on a DAR map display will be   |

| L3_id | L3_key | text | RbR_id | RbR_key | text | paragraph_id | req_key | text   |
|-------|--------|------|--------|---------|------|--------------|---------|--|
|       |        |      |        |         |      |              |         | translated into lat/lon coordinates in a DAR submissions window.   |
|       |        |      |        |         |      | S-CLS-14430  | 8293    | Geographic selection criteria for DARs shall be synchronized so that typing lat/lon coordinates in a DAR submission window will be graphically displayed as a blocked out area on a DAR map display. |

**Table. 1- L3 Change Table: This table identifies modifications to existing IMS-1070 requirement in the L3 F&PRS class as identified in the 110896 baseline version of the RTM database.**

| L3_id    | L3_key | req-title    | text   |
|----------|--------|--------------|--|
| IMS-1070 | 1566   | Dar contents | <p>The IMS shall provide the capability for users to construct DARS for collection of ASTER Instrument data which shall contain the following information <u>as listed in the ASTER IRD. at a minimum:</u></p> <ul style="list-style-type: none"> <li><del>a. Observation number</del></li> <li><del>b. Experimenter identification</del></li> <li><del>c. Experimenter address</del></li> <li><del>d. Investigation identification</del></li> <li><del>e. Scientific discipline</del></li> <li><del>f. Observation repetition period</del></li> <li><del>g. Tolerance in observation time</del></li> <li><del>h. User priority</del></li> <li><del>i. Scheduling priority and target of opportunity flag</del></li> <li><del>j. Descriptive text</del></li> <li><del>k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates</del></li> <li><del>l. Earliest start time</del></li> <li><del>m. Latest stop time</del></li> <li><del>n. Minimum coverage required</del></li> <li><del>o. Maximum coverage desired</del></li> </ul> |

**Table. 2- RbR Change Table: This table identifies modifications to existing IMS-1070#B requirement in the RbR class as identified in the 110896 baseline version of the RTM database.**

| RbR_id     | RbR_key | seg-allocation | req-type   | a-ver-method | a-ver-status | s-ver-status | s-ver-method | req-category     | text  |
|------------|---------|----------------|------------|--------------|--------------|--------------|--------------|------------------|---|
| IMS-1070#B | 6255    | SDPS           | functional | demo         | un-verified  | un-verified  | demo         | mission critical | <p>The IMS shall provide the capability for users to construct DARS for collection of ASTER instrument data which shall contain the following information <u>as listed in the ASTER IRD</u>, at a minimum:</p> <ul style="list-style-type: none"> <li>a. Observation number</li> <li>b. Experimenter identification</li> <li>c. Experimenter address</li> <li>d. Investigation identification</li> <li>e. Scientific discipline</li> <li>f. Observation repetition period</li> <li>g. Tolerance in observation time</li> <li>h. User priority</li> <li>i. Scheduling priority and target of opportunity flag</li> <li>j. Descriptive text</li> <li>k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates</li> <li>l. Earliest start time</li> <li>m. Latest stop time</li> <li>n. Minimum coverage required</li> <li>o. Maximum coverage desired</li> </ul> |

**Table. 3- Level 4 Change Table: This table identifies modifications to existing S-CLS-13790 requirement in the L4 class as identified in the 110896 baseline version of the RTM database.**

| L4_id       | req_key | rel | req-type   | req-status  | ver-method | ver-status  | clarification | text  |
|-------------|---------|-----|------------|-------------|------------|-------------|---------------|---|
| S-CLS-13790 | 8263    | B   | functional | incremental | test       | un-verified |               | The WKBCH CI shall provide users the capability to parameterize ASTER DARS with ASTER DAR Parameters <u>as listed in the ASTER IRD.</u> |

**Table. 4: Deletion Links from RbR to L4**

| RbR_Id                | L4-id       |
|-----------------------|-------------|
| <del>IMS-1070#B</del> | S-CLS-14400 |
| <del>IMS-1070#B</del> | S-CLS-14410 |
| <del>IMS-1070#B</del> | S-CLS-14420 |
| <del>IMS-1070#B</del> | S-CLS-14430 |

**Table. 5: Addition Links from L4s to Rel. B RbR IMS-1140**

| RbR_Id                | L4-id       |
|-----------------------|-------------|
| <del>IMS-1140#B</del> | S-CLS-14400 |
| <del>IMS-1140#B</del> | S-CLS-14410 |